

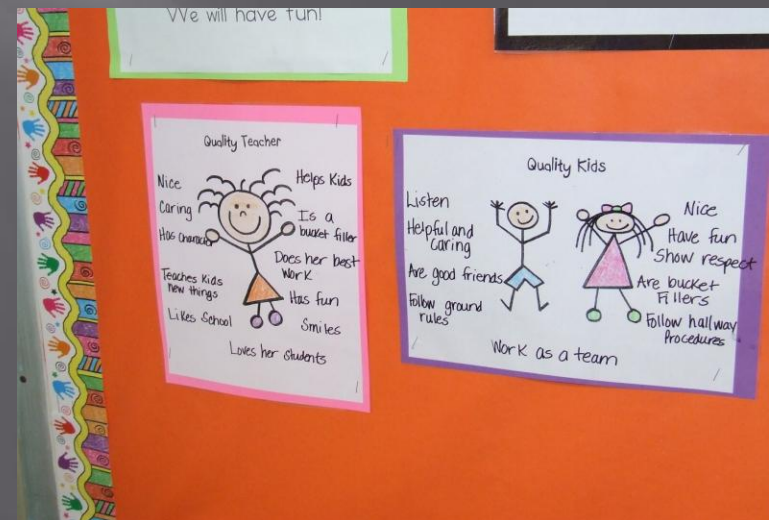


The Continuous Improvement Classroom



Today's Purpose

- ▣ To learn more about quality and continuous improvement through data centers and data notebooks
 - What is quality?
 - What does continuous improvement mean?
 - What are the components of the continuous improvement classroom?
 - What are data centers and data notebooks?



Expected Outcomes of the Continuous Improvement Classroom

- ▣ Student ownership, responsibility, and accountability for their own learning
- ▣ Increased academic achievement
 - through effective teaching practices
 - data driven instructional decision making
- ▣ Student focused
- ▣ Results driven



Components of the Continuous Improvement Classroom

- ▣ Ground rules created by students
- ▣ Classroom mission statements
- ▣ Classroom and student measurable goals
- ▣ Classroom data centers
- ▣ Student data folders
- ▣ Student-led conferences
- ▣ Classroom meetings facilitated by students
- ▣ Quality tools and PDSA used by students



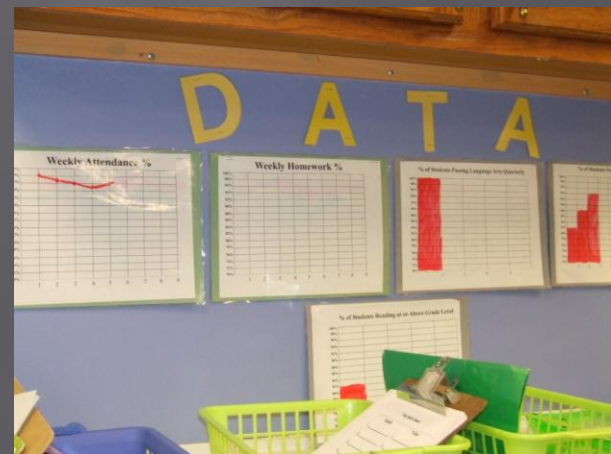
A Classroom Data Center

- ▣ The graphic representation of continuous improvement
- ▣ Class-created ground rules, mission statement, goals, action plans, names/photos of students
- ▣ Charts & graphs that compare performance projections for classroom goals with current and past performance
- ▣ In its most highly developed form, students use the data center to manage their own learning and truly become self-directed learners.

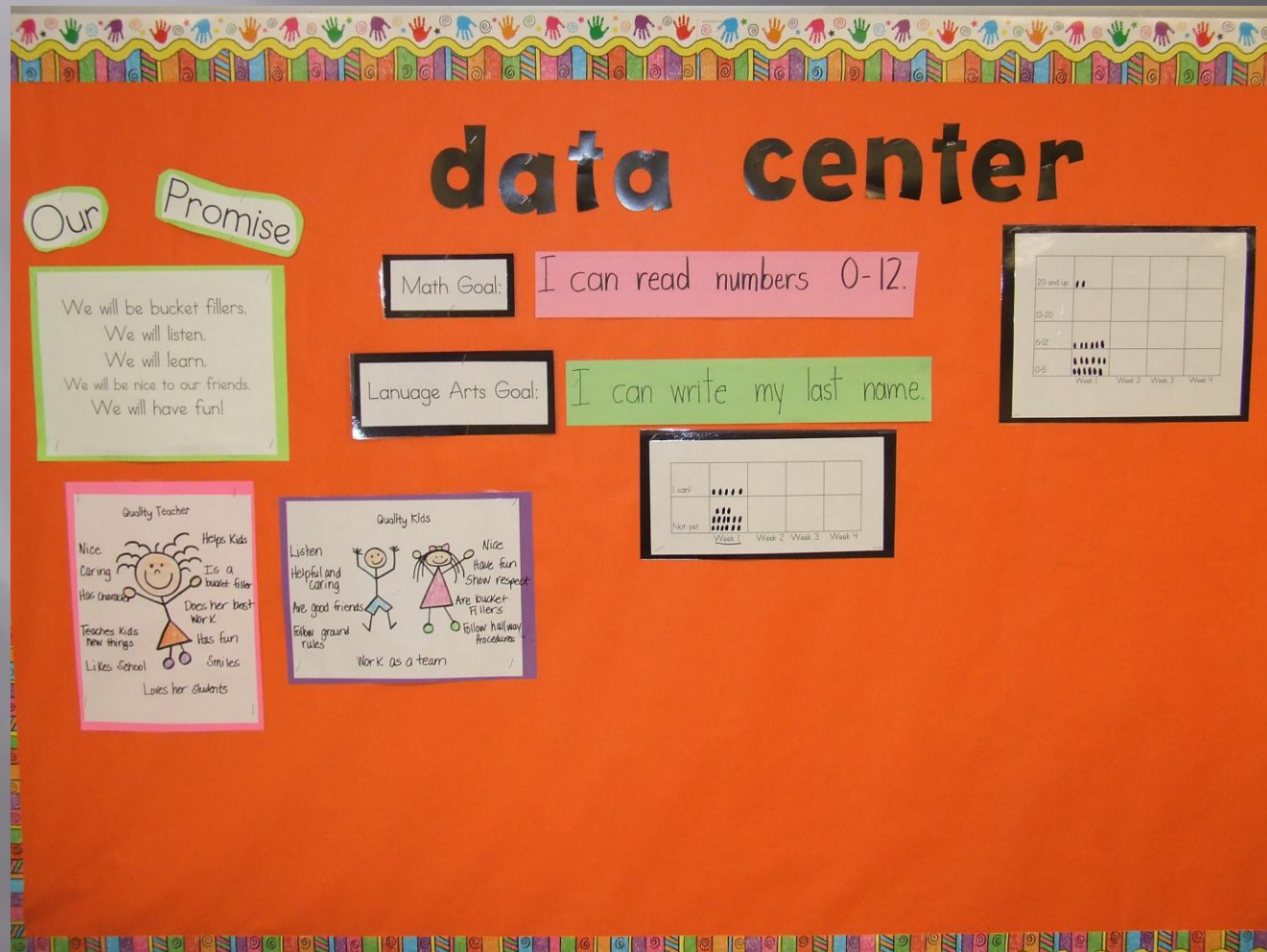


What Goes In the Data Center

- ❑ Classroom Ground Rules
- ❑ Classroom Mission Statement
- ❑ Charts and graphs documenting progress towards goals
- ❑ Classroom Issue Bin
- ❑ Classroom Compliment Chart/Personal Best Board
- ❑ Instructional focus written in student friendly language



A Kindergarten Data Center...

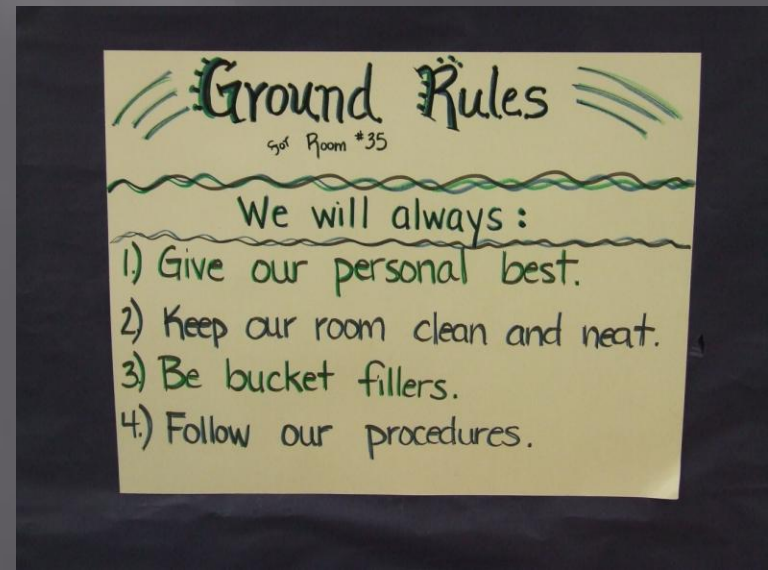
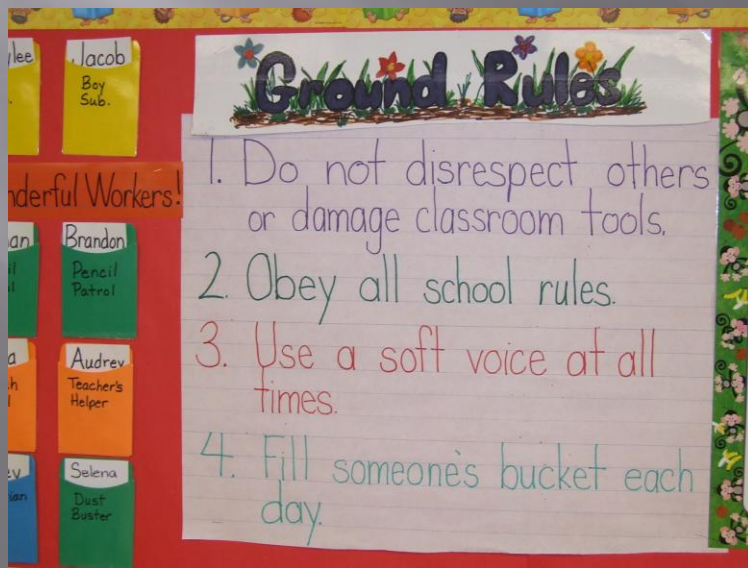


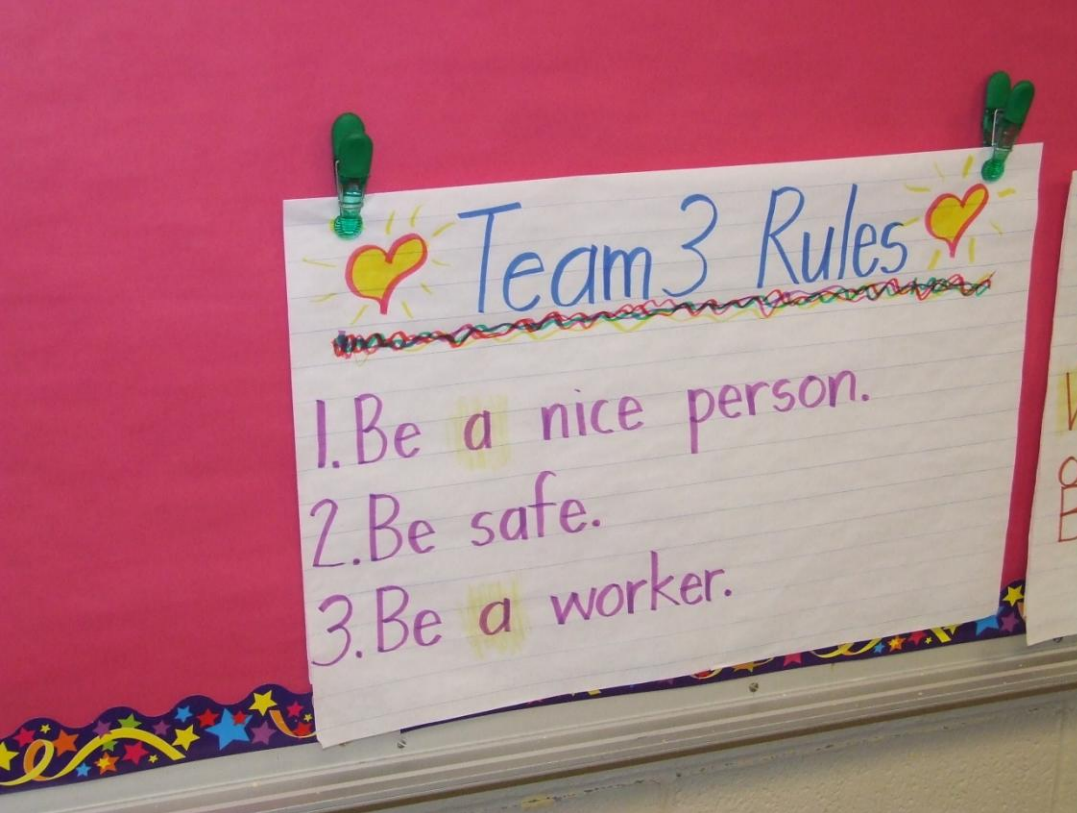
Third Grade Data Center...



Ground Rules Created By Students

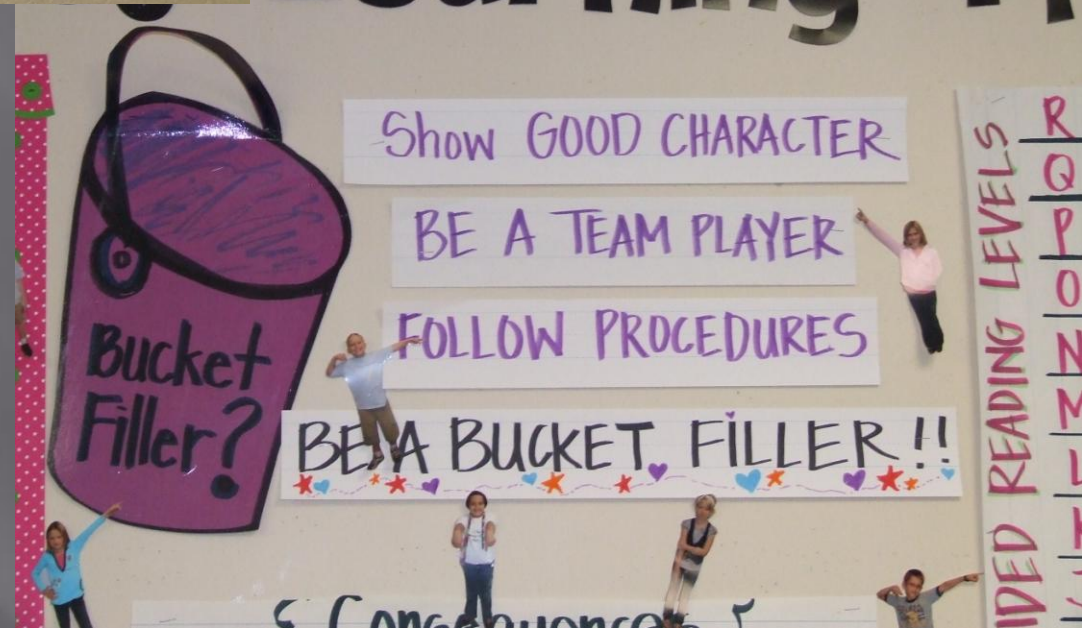
- ▣ Provides opportunity for student ownership and responsibility
- ▣ Ground rules are the standard for behavior by which all agree to follow
- ▣ Reduces potential behavior problems because students developed the ground rules and are more likely to follow them
- ▣ Involves all students in the process





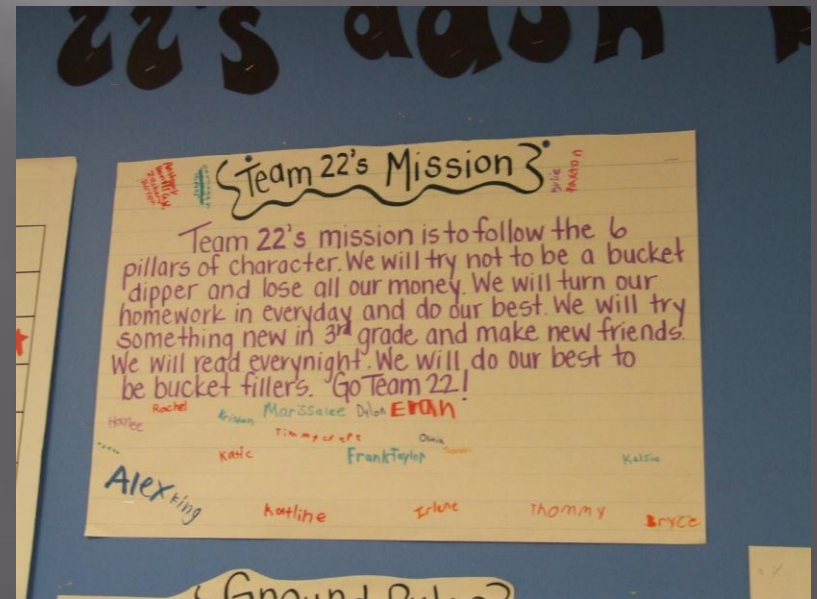
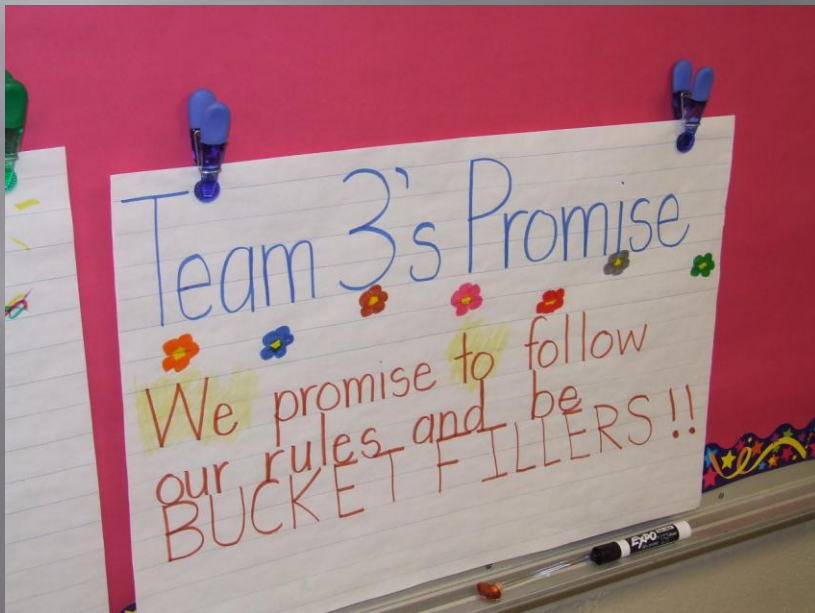
**Examples of Ground
Rules developed by
the students**

Learning Pr

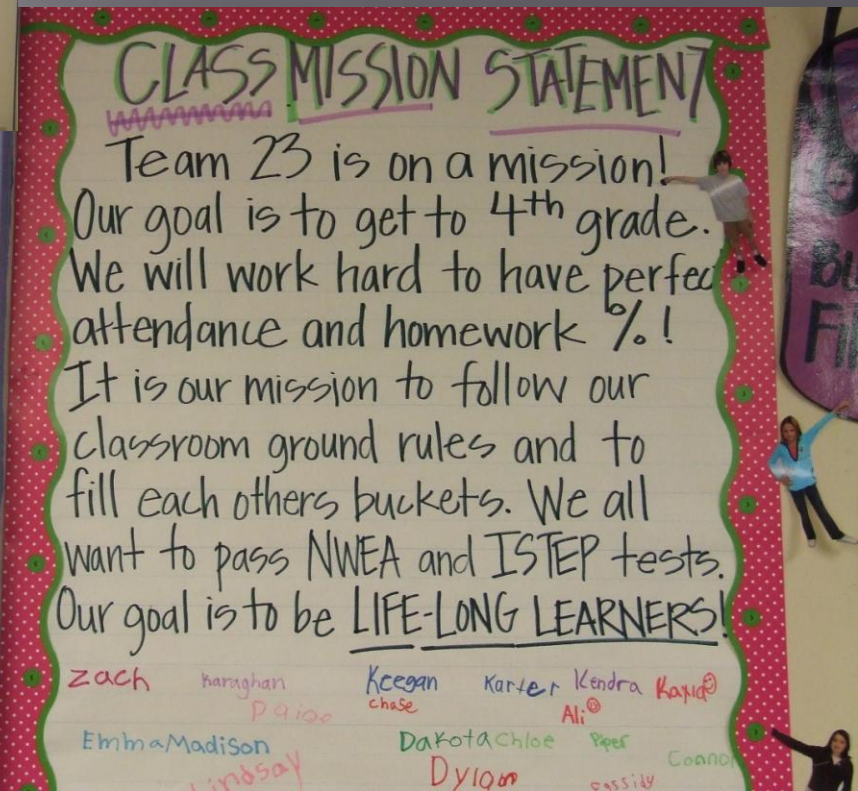


Mission Statement Created By Class

- ❑ Mission Statements create a constancy of purpose within the classroom
- ❑ Mission statements provide a common focus for the teacher, students, parents, and other stakeholders
- ❑ Students need to have absolute “buy-in” of the mission statement and refer to it each day

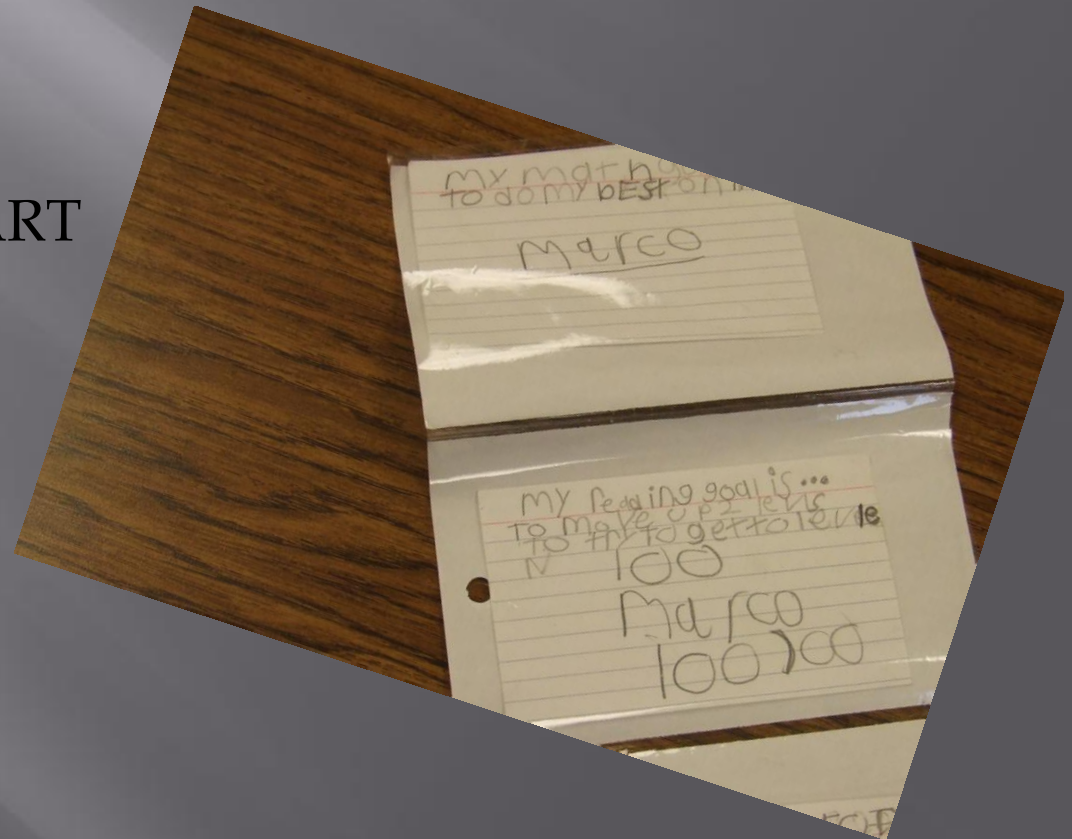


Examples of mission statements developed by the students



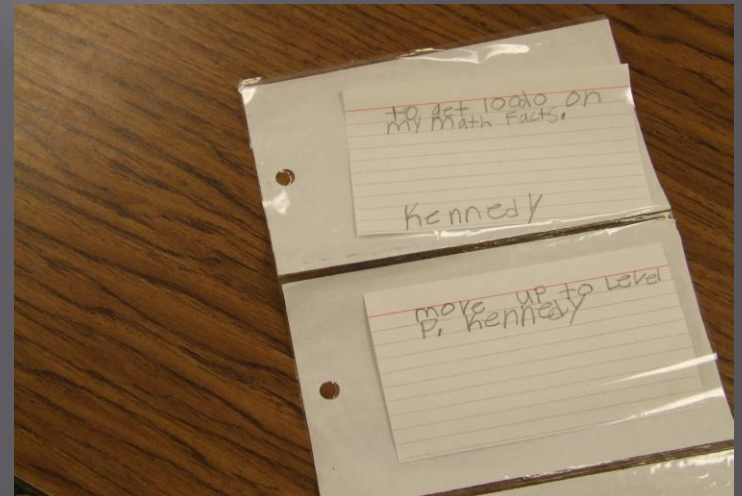
Measurable Goals:

- ▣ Goals provide focus on continuous improvement (classroom & personal goals)
- ▣ Goals are developed with student input
- ▣ Goals have to be SMART



SMART GOALS

- S** specific, strategic
- M** measurable
- A** attainable
- R** results-oriented
- T** time-bound



Measurable Goals:



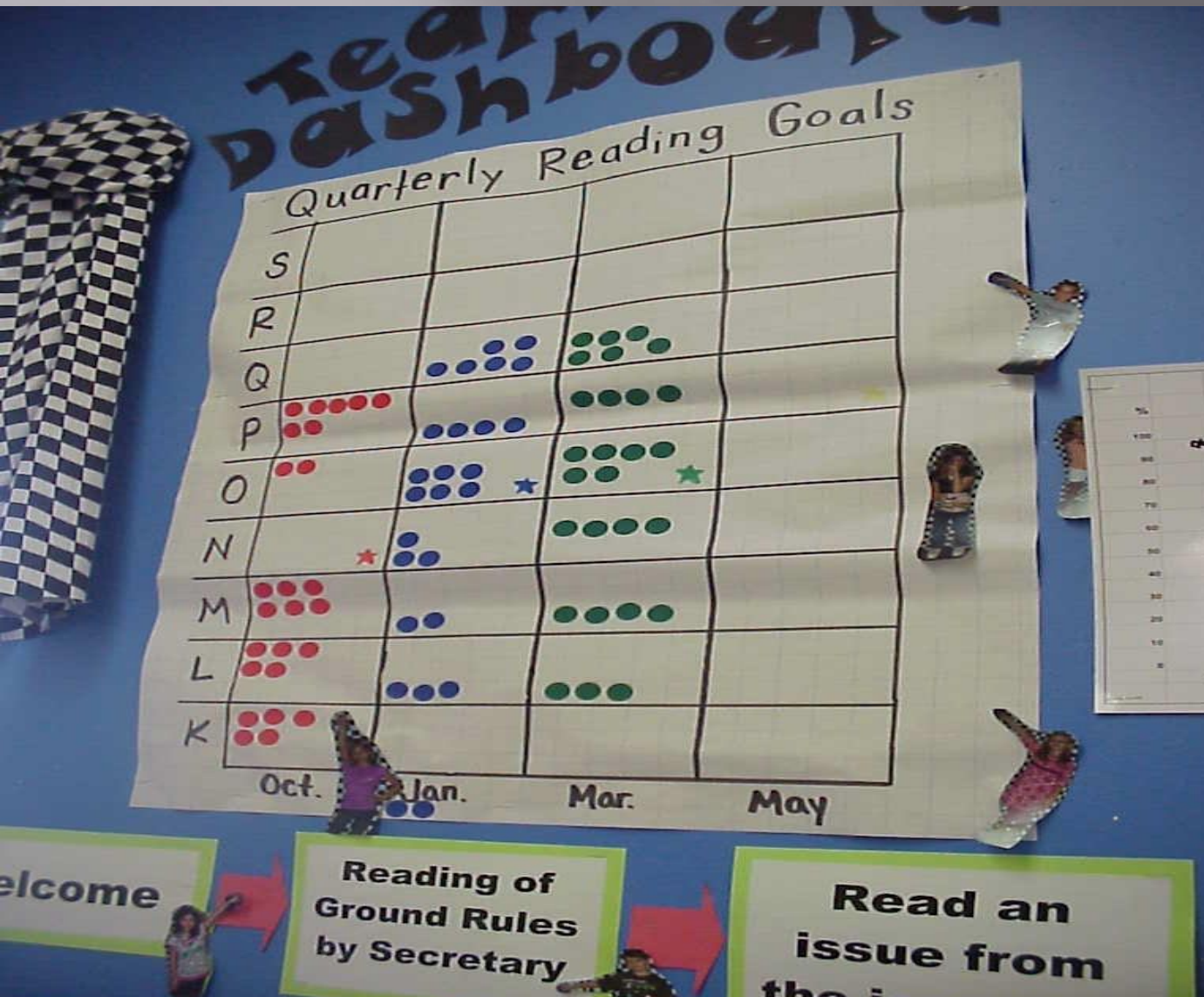
A class charts the progress of students meeting their individual goals.

Measurable Goals:

A class sets a goal and tracks progress towards meeting their goal.

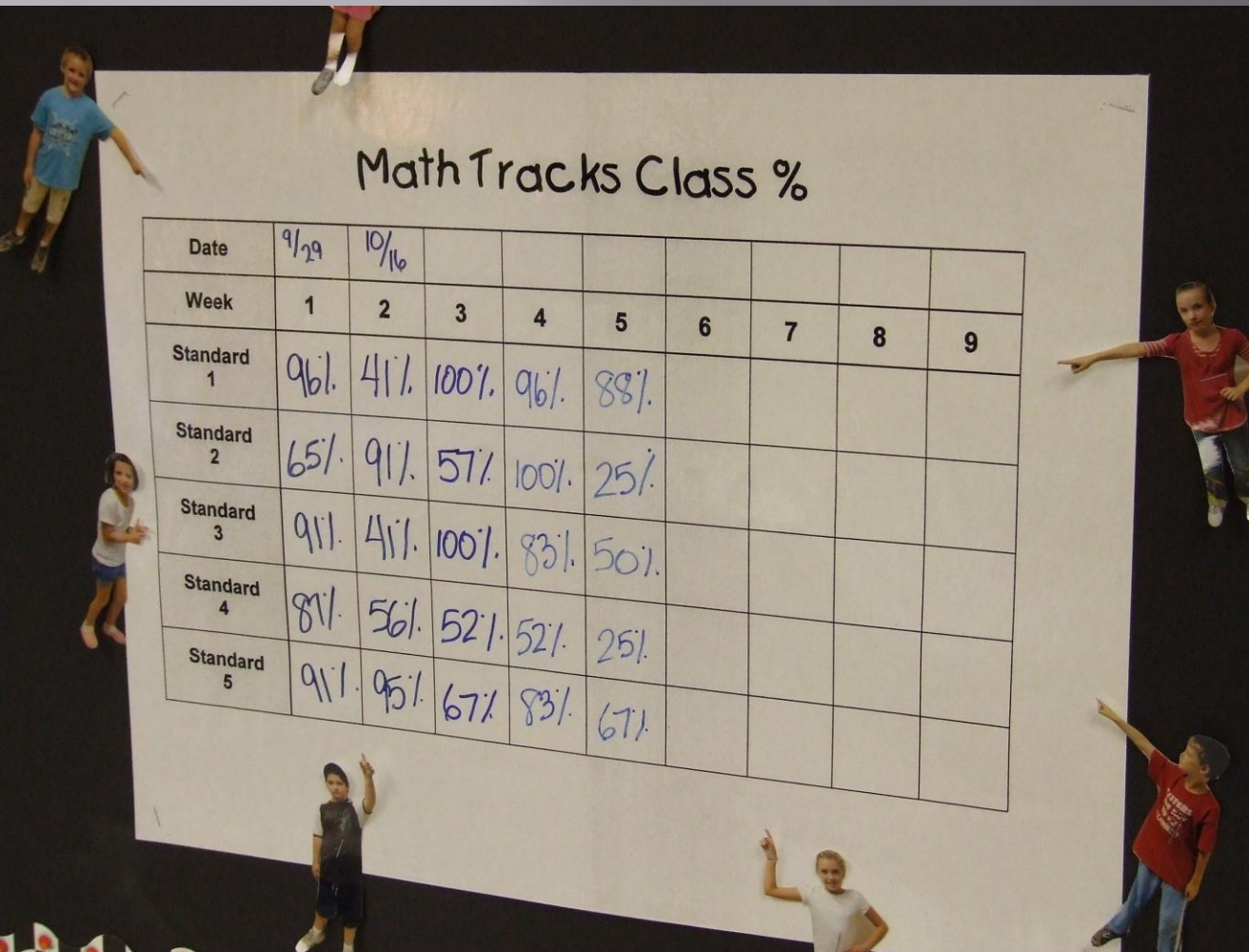
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Tracking Data and Setting Goals



A classroom tracking their individual reading levels.

Tracking Data and Setting Goals

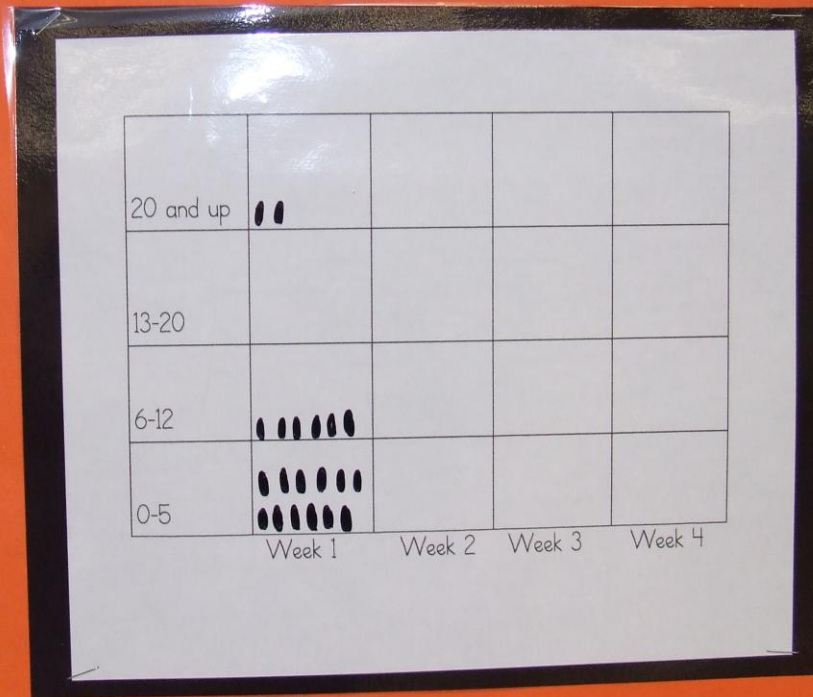


Math Tracks Class %

Date	9/29	10/16							
Week	1	2	3	4	5	6	7	8	9
Standard 1	96%	41%	100%	96%	88%				
Standard 2	65%	91%	57%	100%	25%				
Standard 3	91%	41%	100%	83%	50%				
Standard 4	81%	56%	52%	52%	25%				
Standard 5	91%	95%	67%	83%	67%				

A classroom tracking their progress related to the math standards.

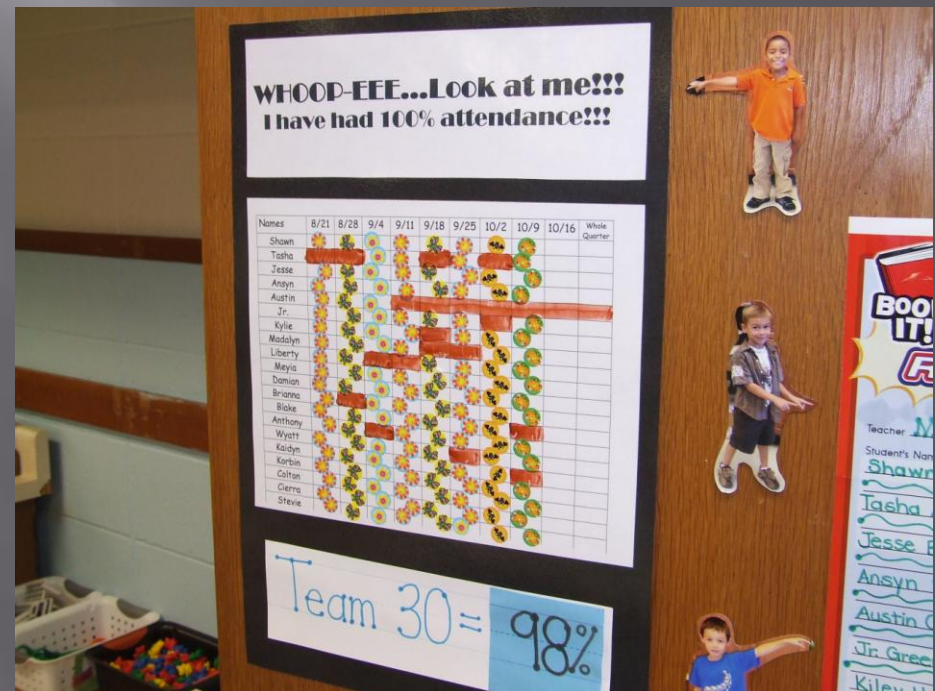
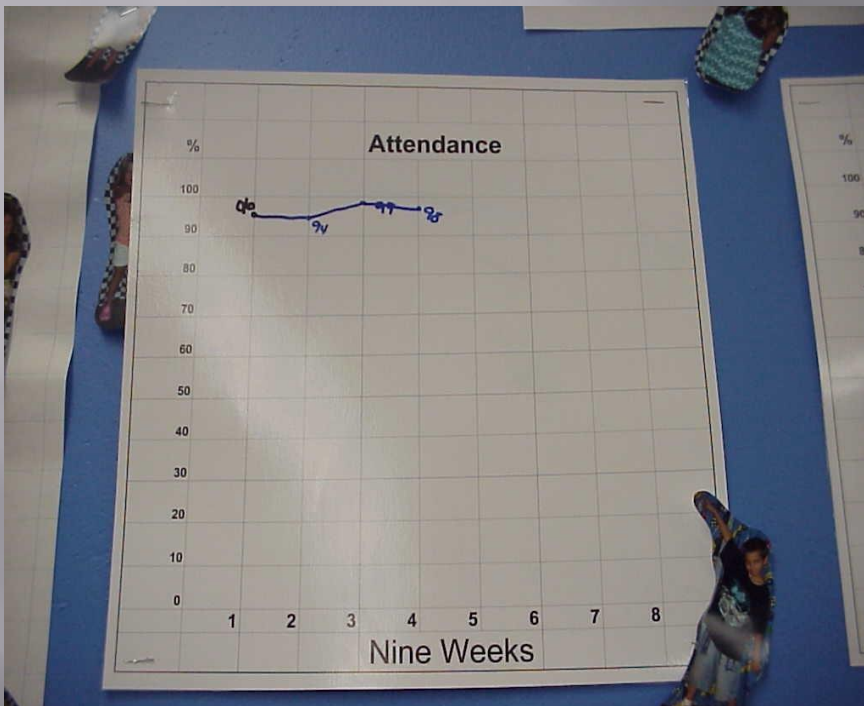
Tracking Data and Setting Goals



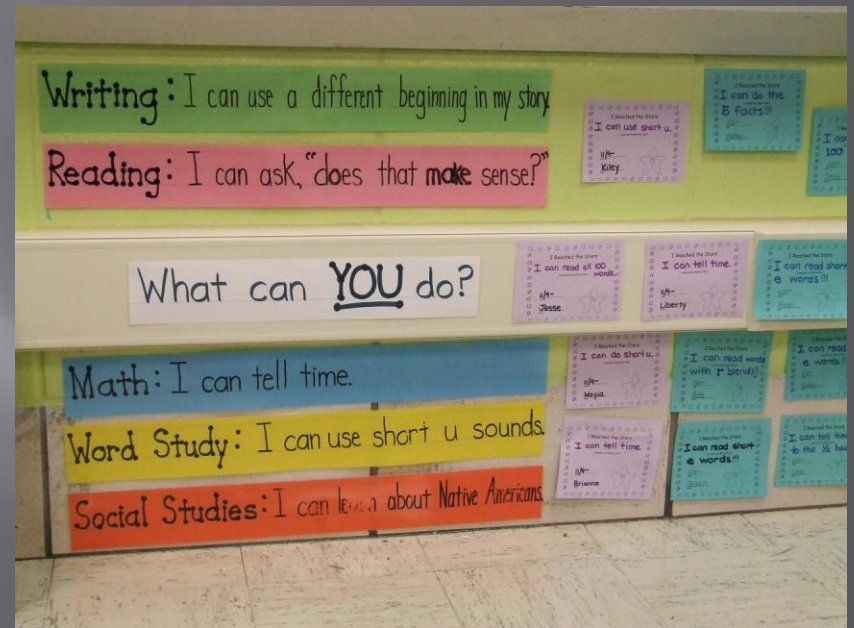
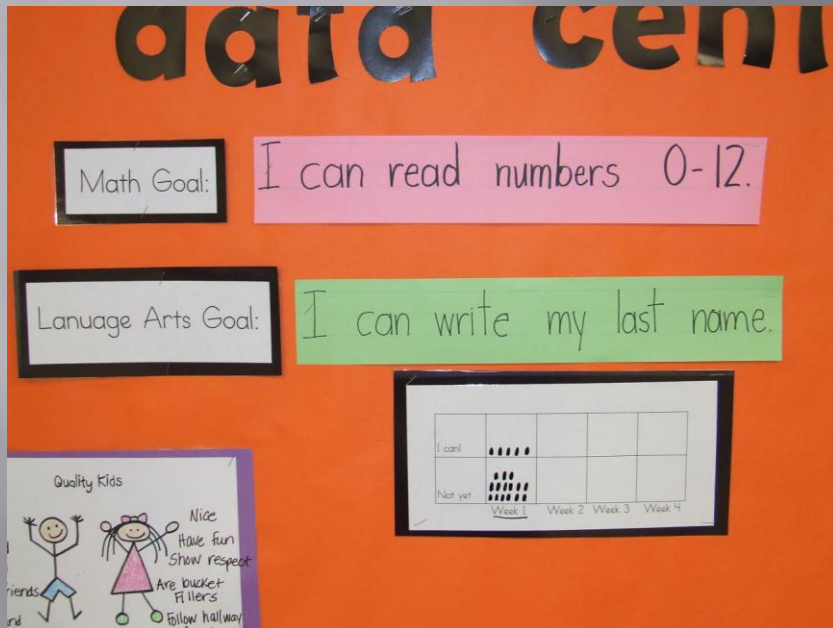
A kindergarten class tracking growth with number identification.

Tracking Data and Setting Goals

A class chart of the weekly attendance rate and individual chart to track attendance.



“I Can” or Standards Focus



Classrooms post the focus for each subject area.

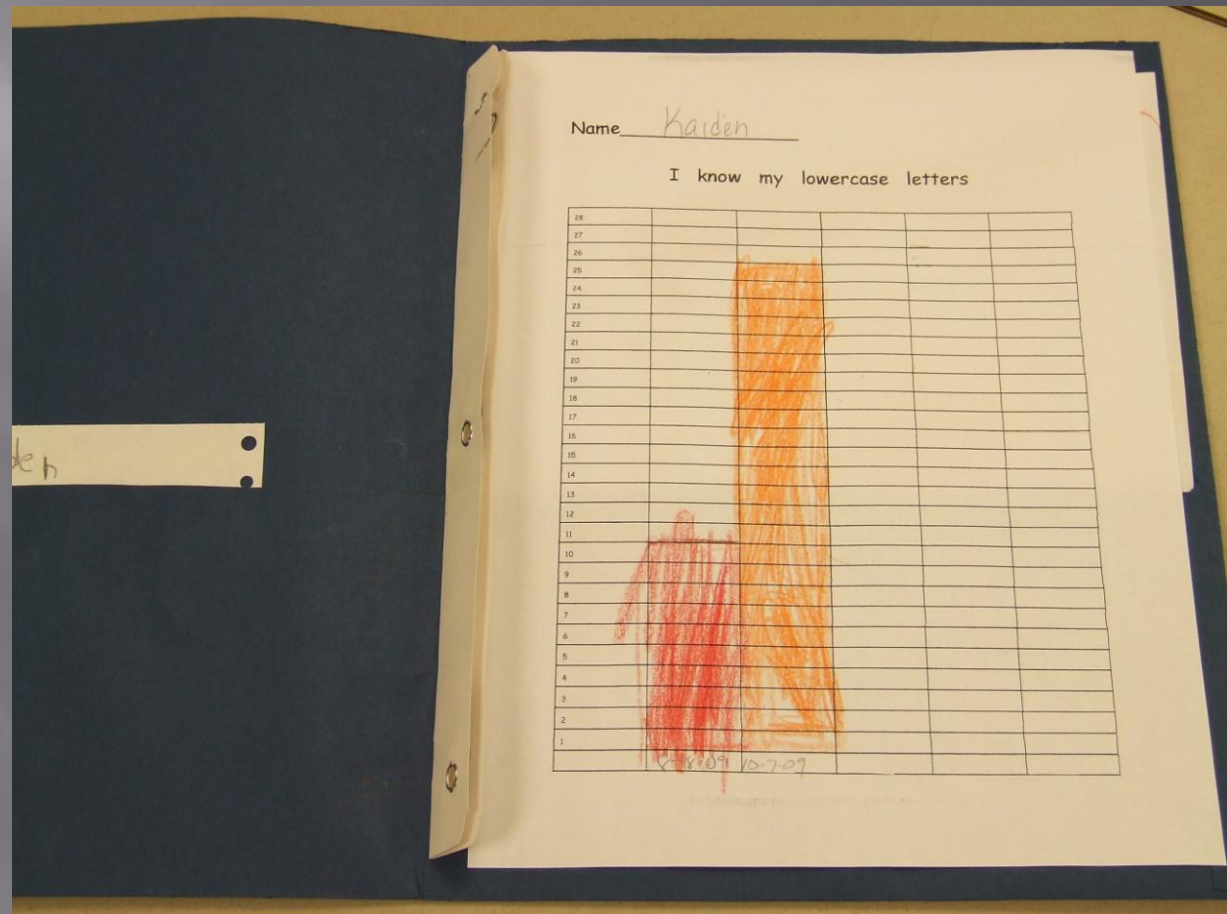
Student Data Folders

- ▣ A way for students to keep track of their own performance
- ▣ Allows students to see themselves as joint leaders in keeping track of progress
- ▣ Students are accountable and responsible for their own learning
- ▣ Students set individual goals and track their own performance to determine their progress towards those goals



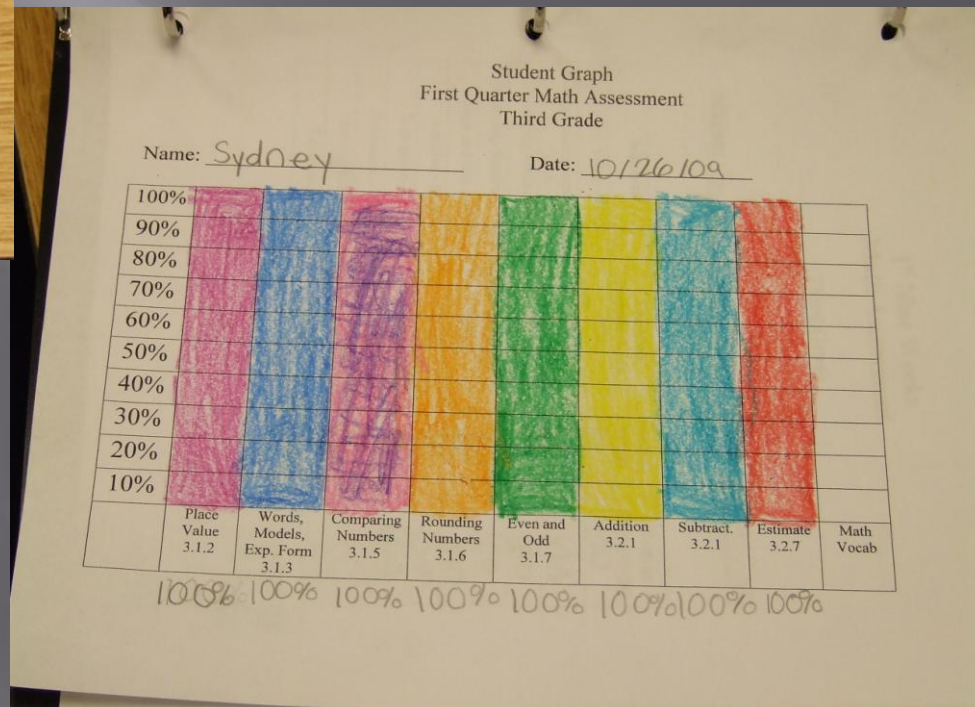
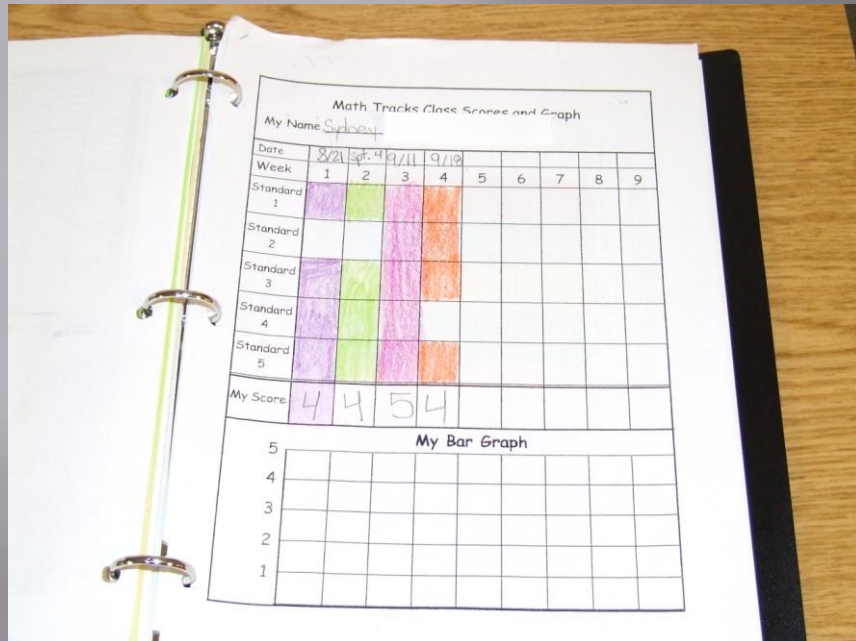
What Goes In A Data Folder

An individual kindergarten student's graph showing their progress in learning their letters.

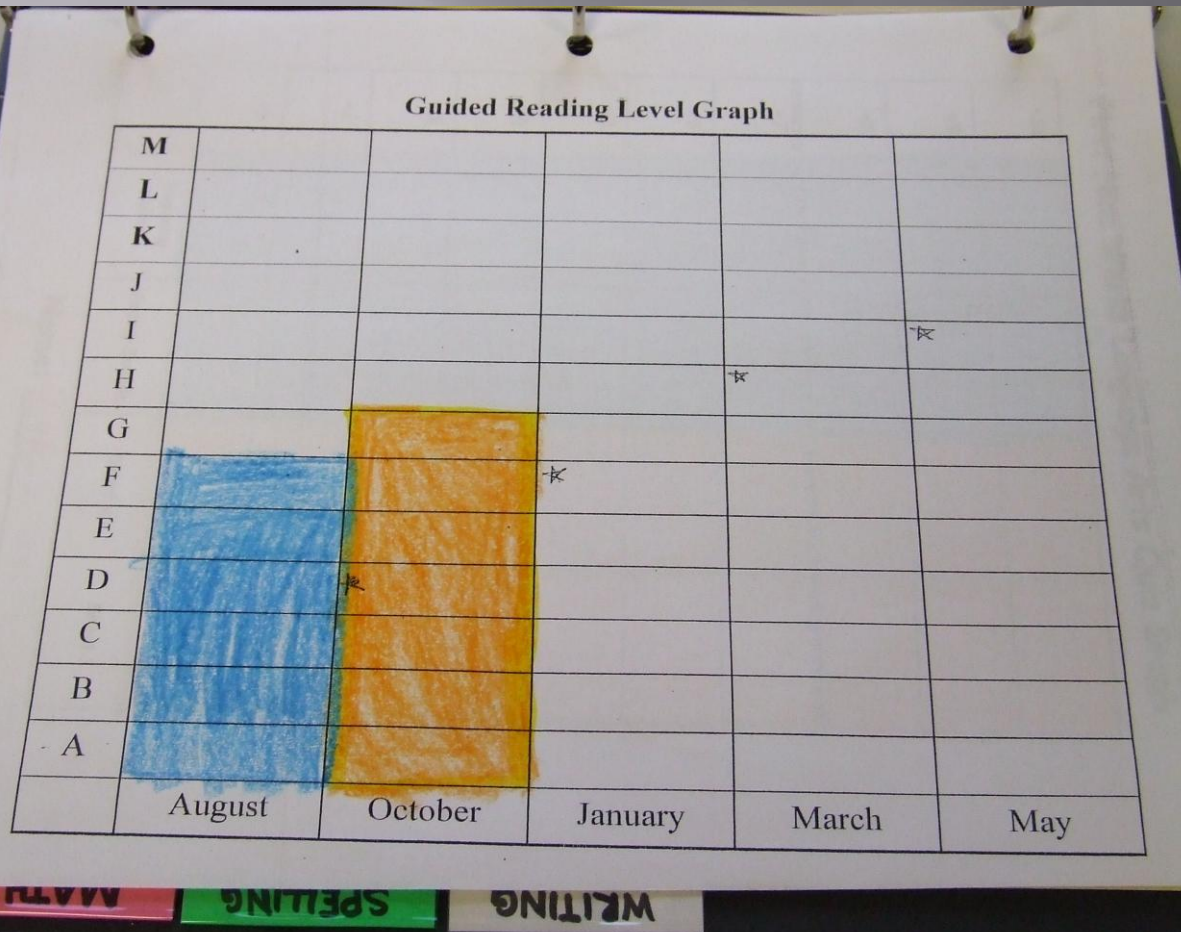


What Goes In A Data Folder

An individual student tracking progress towards their mastery of specific math standards.



What Goes In A Data Folder



A student tracking their individual growth reading.

What Goes In A Data Folder

Name Kylie Date 10-24

Look What I Can Do...

I can use fun words in my story to describe it. I

I still need to work on details.

1996 Pearson Teacher Aids

A student reflection on what they can do and what they need to work on next.

What Goes In A Data Folder

Teacher Initials AP

Name: Alex Weekly Reflection Date: 11-02-09

Homework	Attendance	Spelling Assessment	Math Facts to Study

FROG PARTS PULLED THIS WEEK

Monday	Tuesday	Wednesday	Thursday	Friday

+ Things that went well for me this week.	Δ(Delta) What do I need to work on in the future?
math facts math regrouping	read to someone time work

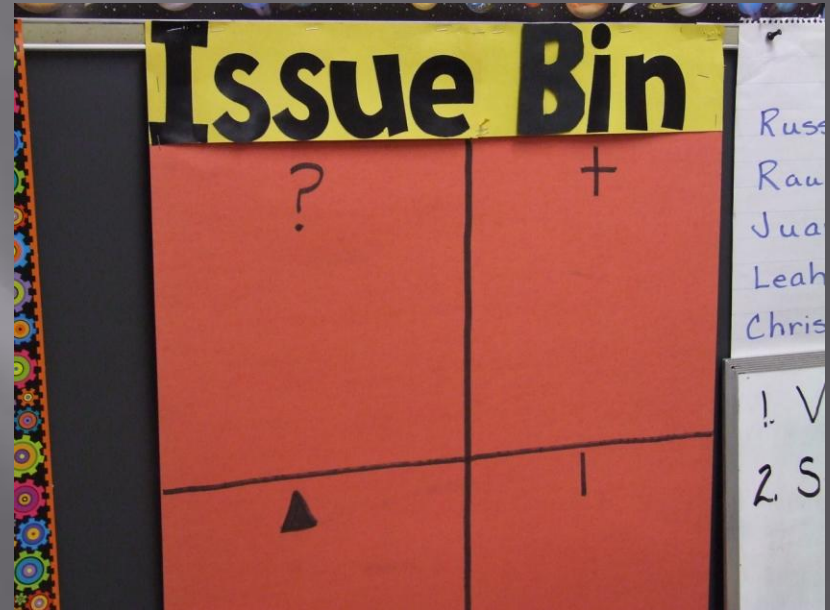
I showed the pillar Responsibility this week by... helping Emma be the table team leader

Please look over my Weekly Reflection **with me**.
Parent Signature: _____ Child's Signature: _____

Please return this on Monday in the empty folder. This paper will be placed

Weekly reflection which includes many aspects of the child's week.

Tools to Keep the Classroom Running Smoothly



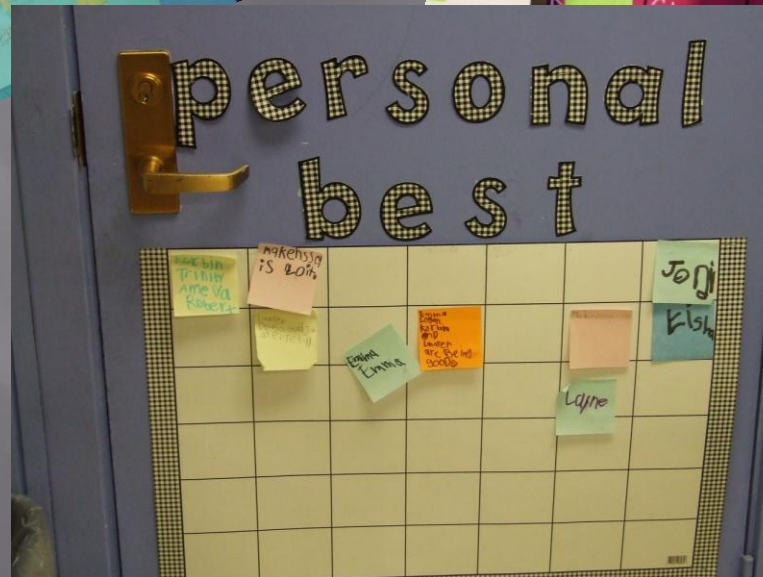
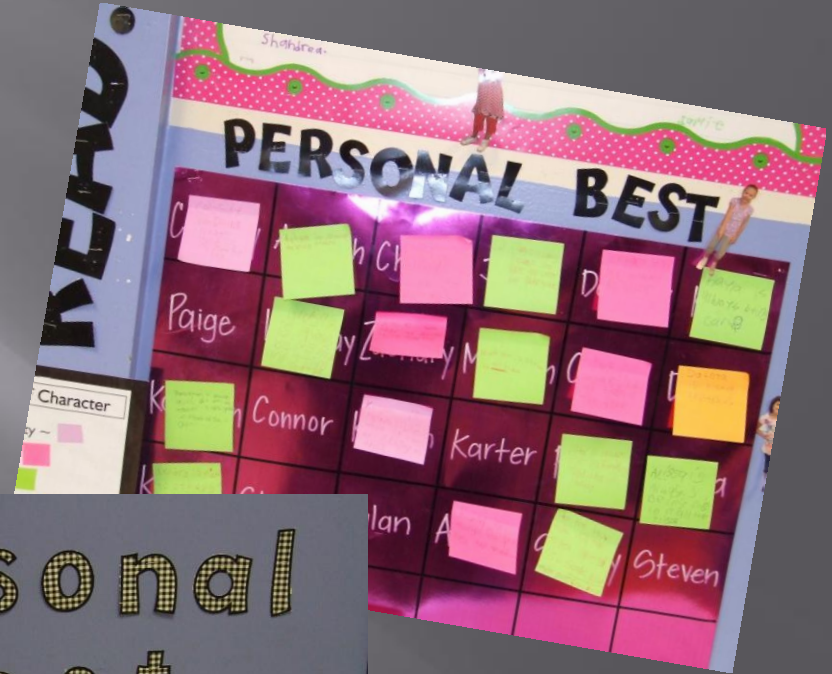
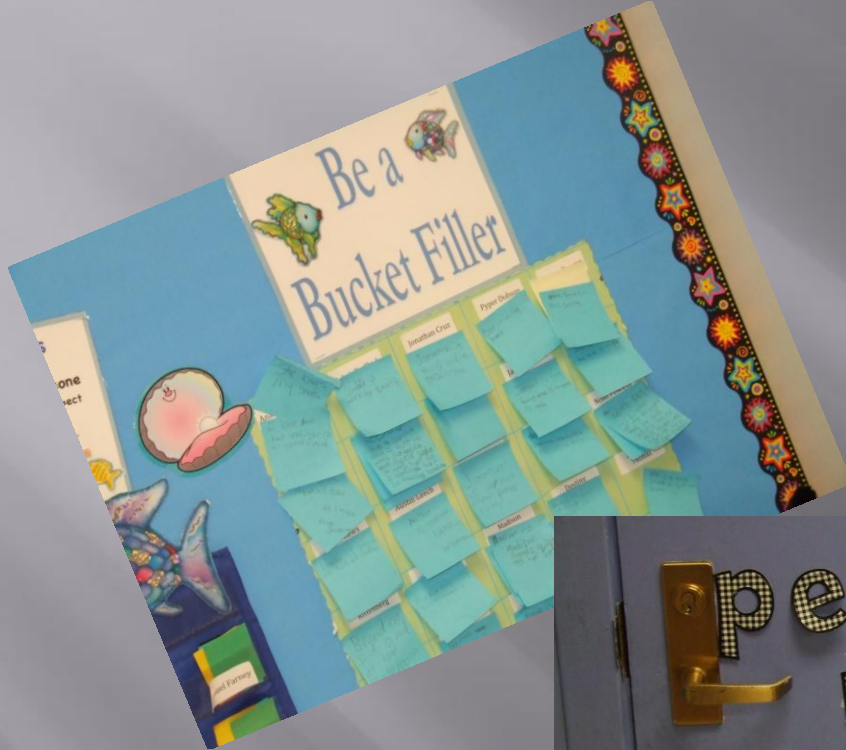
An Issue Bin is a tool used in the continuous improvement classroom which allows all voices being heard.

Tools to Keep the Classroom Running Smoothly



A flow chart is a tool used in the continuous improvement classroom to map out a process in the room

Tools to Keep the Classroom Running Smoothly



Personal Best Boards allow students to recognize one another.

What is Quality

Having a model for
quality work is
essential.

Quality Work
Doing your best to
help your learning!



??? ??? ??? Questions ??? ??? ???



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